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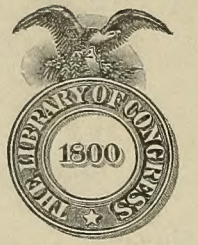
Tennessee Dept. of Agr.

Anti-Hog Serum

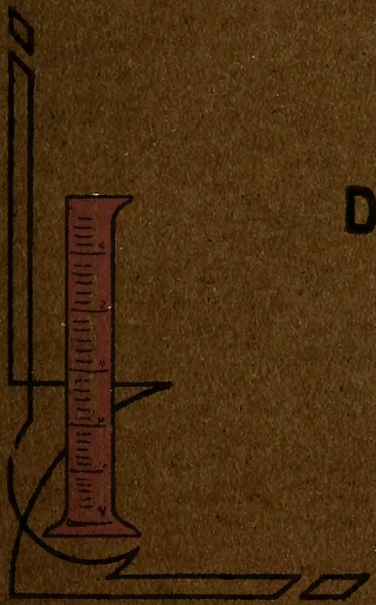


Class SF973

Book .T2

ANTI-HOG CHOLERA SERUM PLANT

DEPARTMENT of AGRICULTURE
STATE of TENNESSEE



ANTI-HOG CHOLERA SERUM PLANT

Department of Agriculture

STATE OF TENNESSEE
NASHVILLE

Bureau of agriculture, statistics and mines.

T. F. PECK, Commissioner
G. R. WHITE, State Veterinarian

[1913]

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DEC 26 1918

Excerpt from General Appropriation Bill passed by the 58th General Assembly:

"To establish a Serum Plant for the purpose of manufacturing and distributing Anti-Hog Cholera Serum to the swine owners of Tennessee at actual cost of production, said plant to be under the direct supervision of the State Veterinarian. The amount of this appropriation to be paid out of the State Treasury on vouchers approved by the Commissioner of Agriculture. $10,000.00"

EXPLANATORY NOTE.

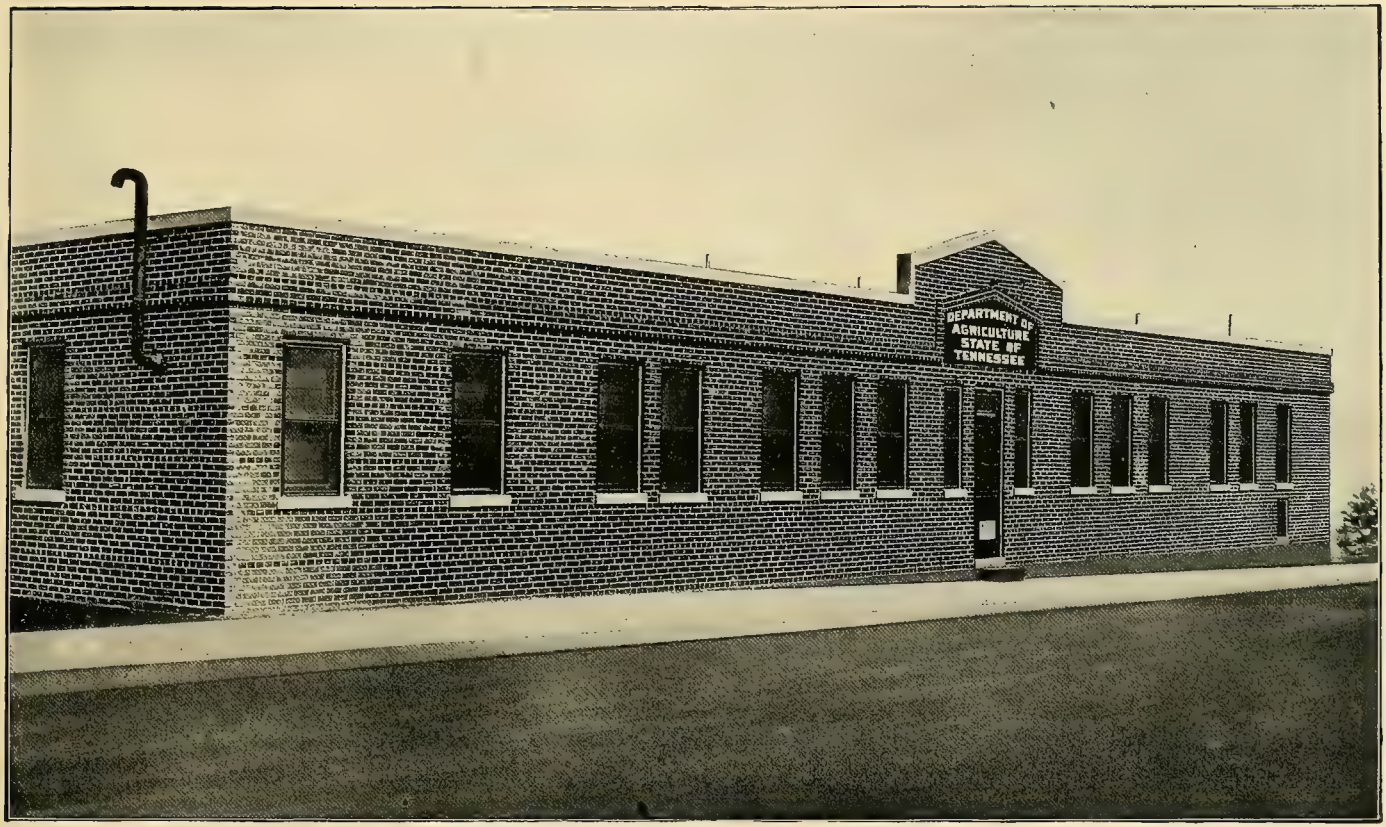
In compliance with an Act of the 58th General Assembly, we have caused to be erected and equipped an Anti-Hog Cholera Serum Plant. This plant is located at 1502 Clinton street, Nashville, Tennessee, and has been constructed according to modern sanitary and hygienic requirements. Experts who have visited and inspected this plant pronounce it complete and perfect in all of its appointments. Has a capacity of 250 hyperimmunes which are capable of yielding no less than 1,000,000 average doses of serum annually. The Dorsett-Niles method will be employed in producing the serum.

Our object in publishing and distributing this illustrated booklet is to acquaint all Tennesseans with the facilities which have been placed at our disposal by the General Assembly for the purpose of combatting the ravages of that great scourge to the swine industry—Hog Cholera—in the Volunteer State.

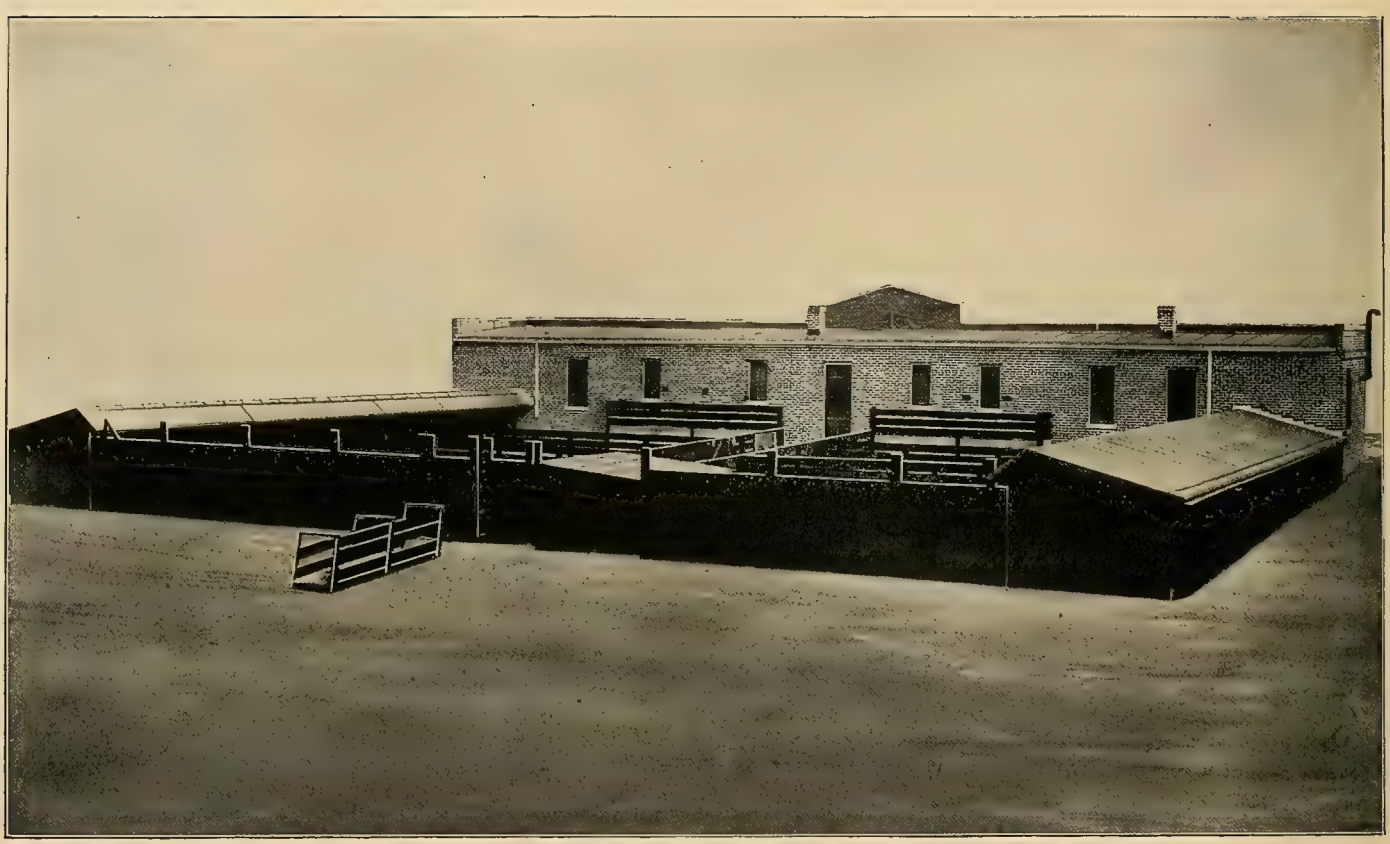
Every swine owner and all other persons who are interested in the protection and development of the swine-raising industry, are cordially invited to visit this plant and become familiar with the methods here employed in the manufacture and use of Anti-Hog Cholera Serum.

GEO. R. WHITE, M. D., D. V. S.
State Veterinarian.

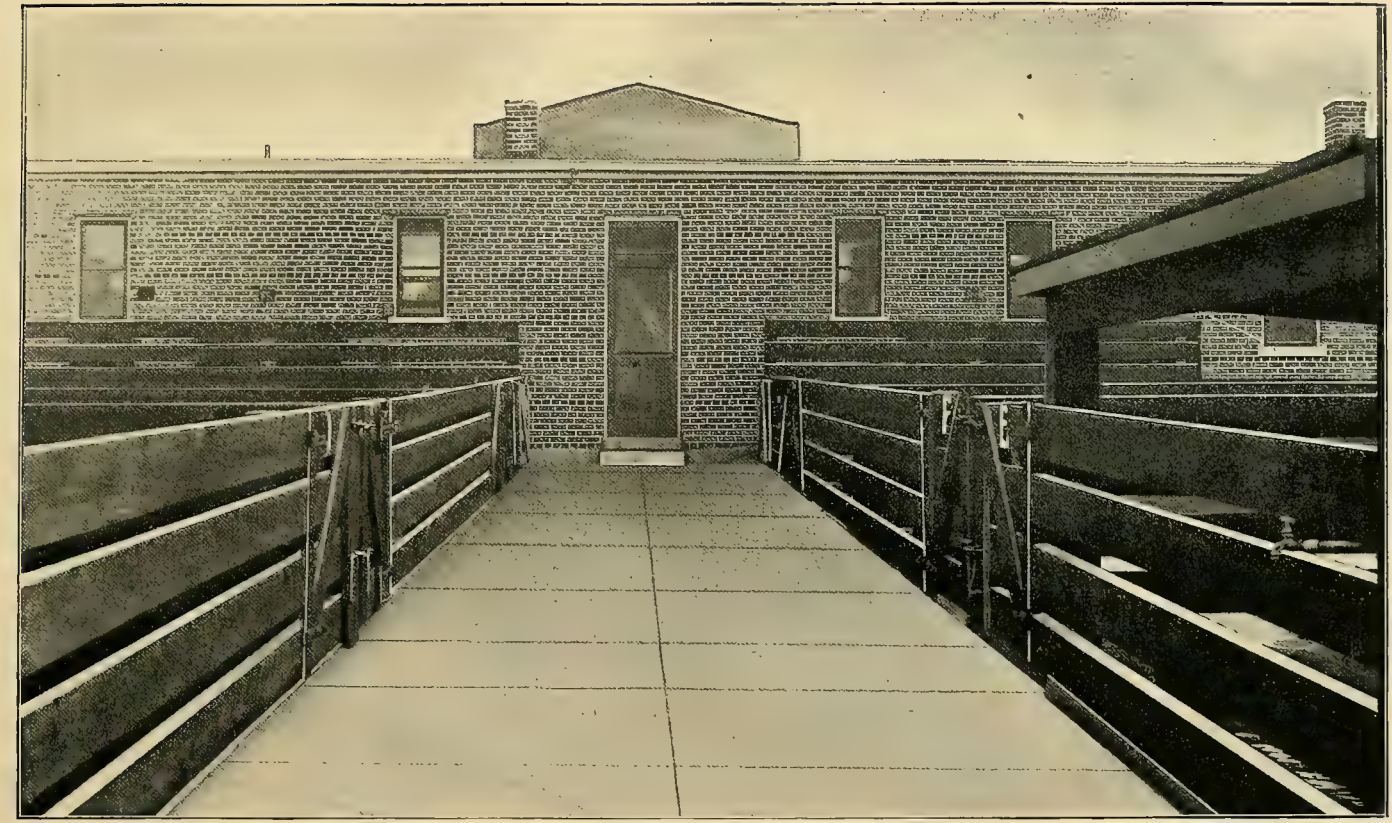
State Capitol, Nashville, Tenn.
Nov. 10, 1913.



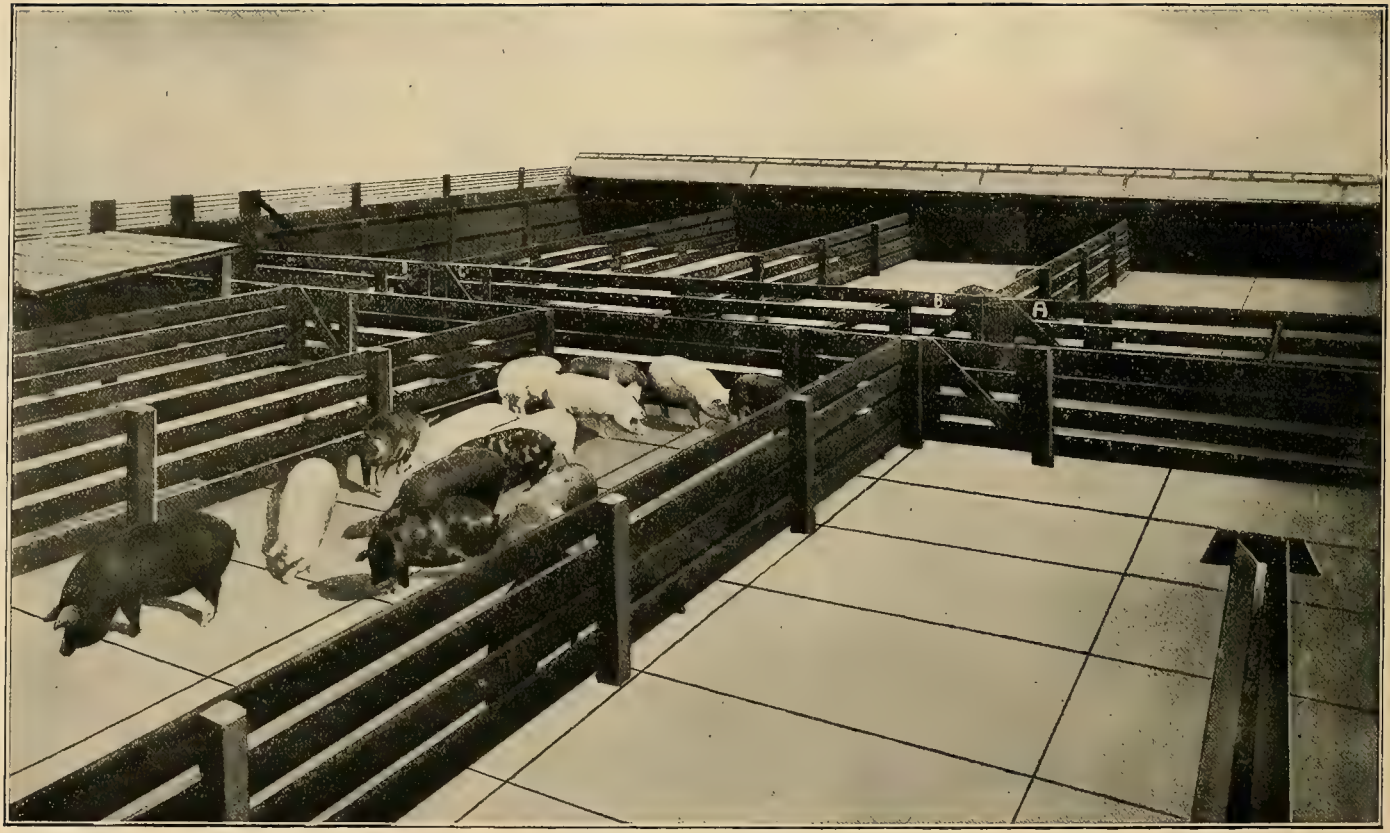
STATE ANTI-HOG CHOLERA SERUM PLANT
Located at 1502 Clinton Street, Nashville, Tennessee.



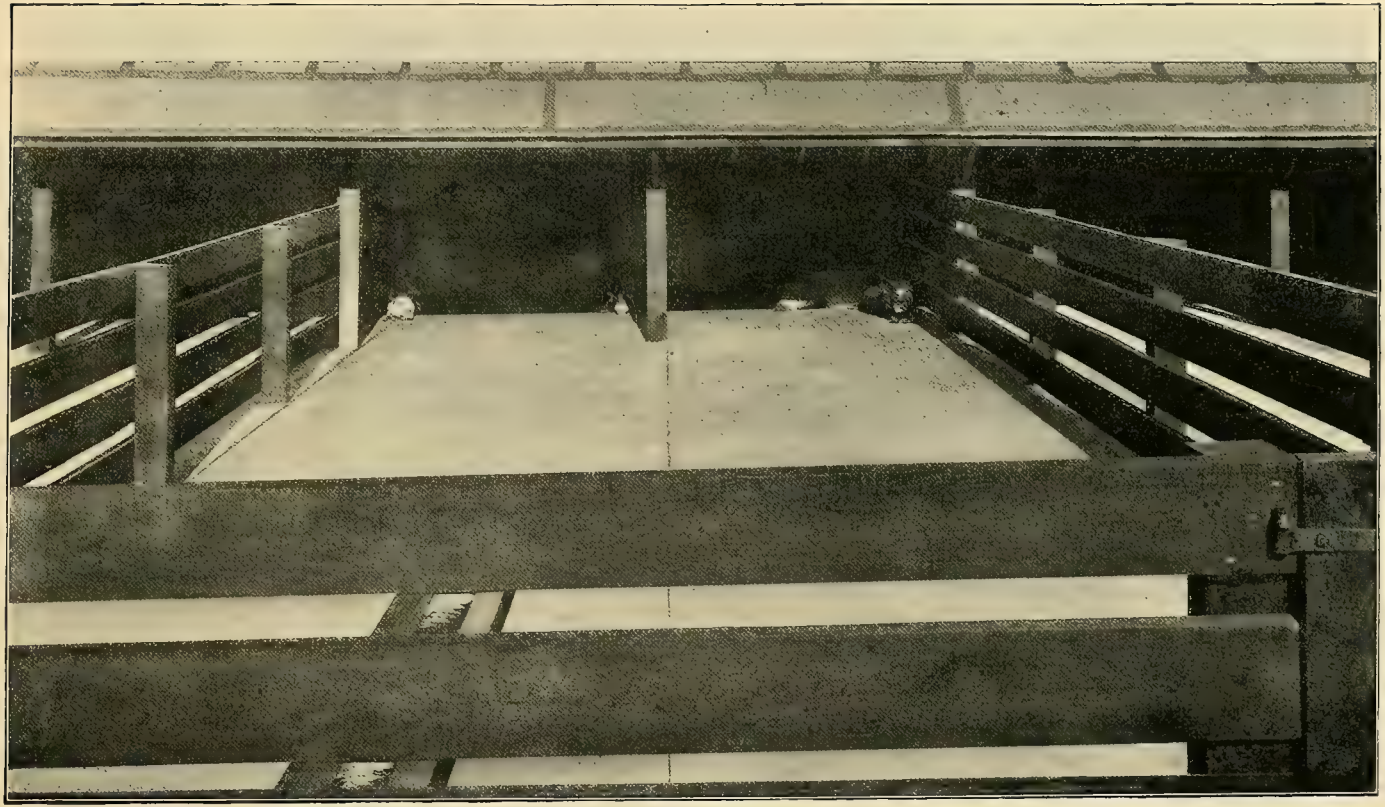
REAR VIEW OF PLANT.



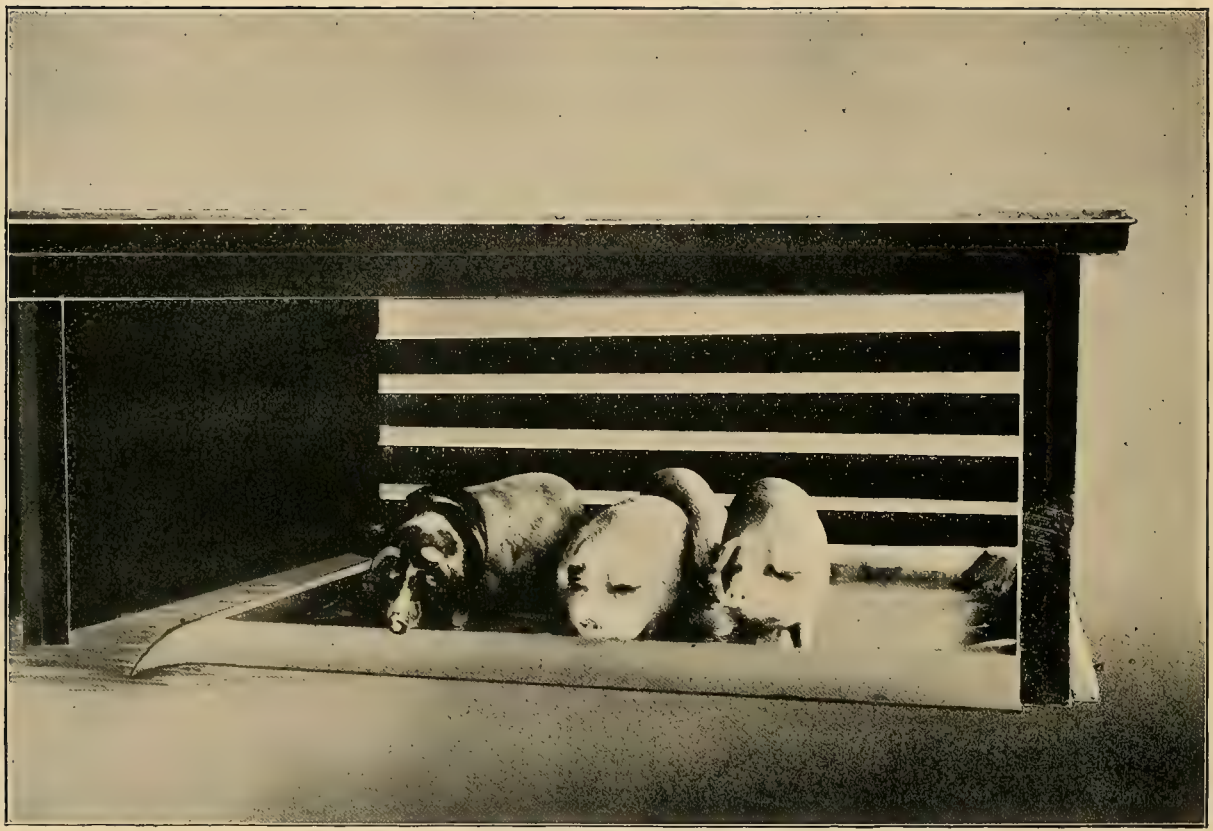
REAR VIEW,
Showing Gate Entrance to Pens and Concrete Alley Way.



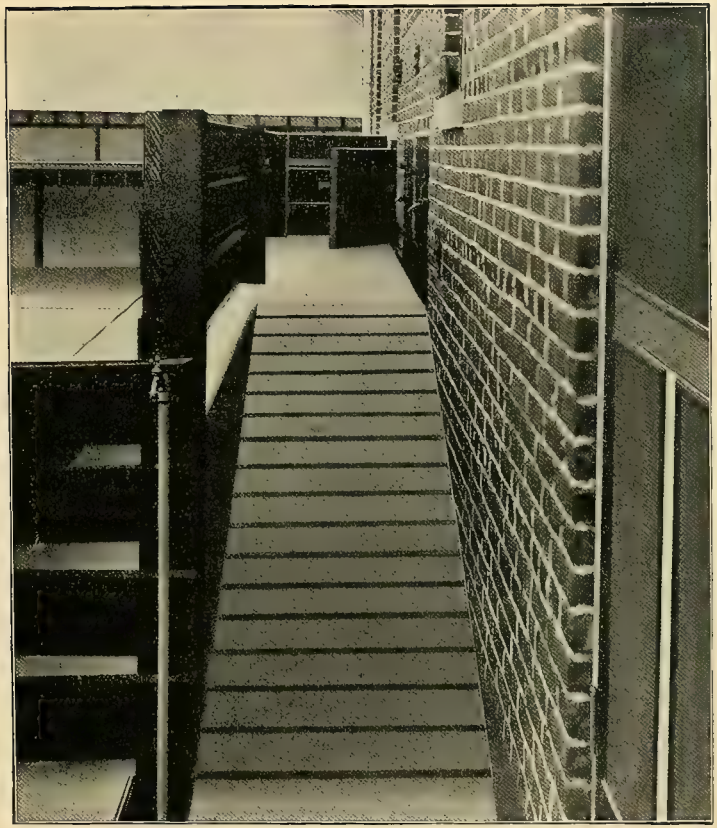
VIEW OF THE PENS.



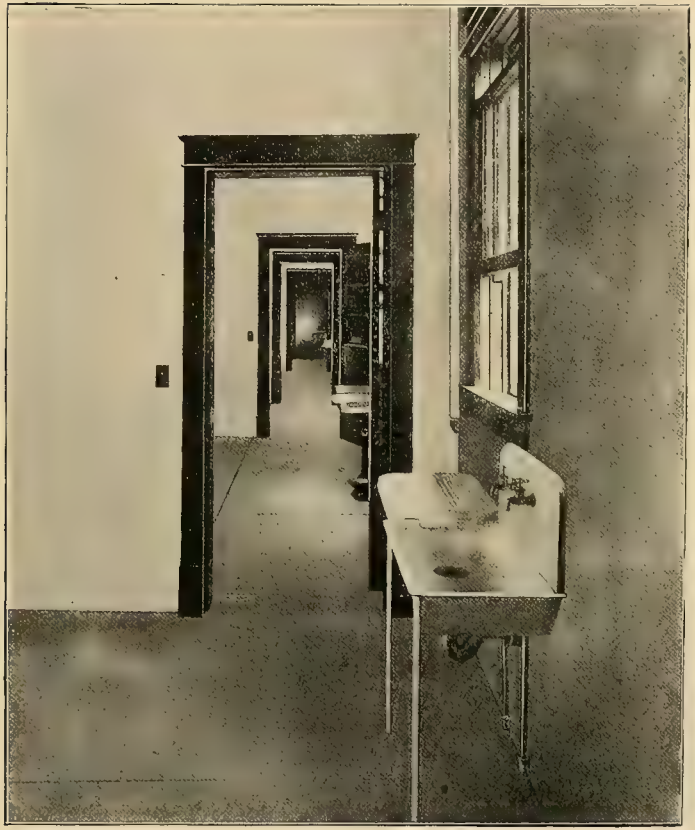
ONE OF THE PENS.



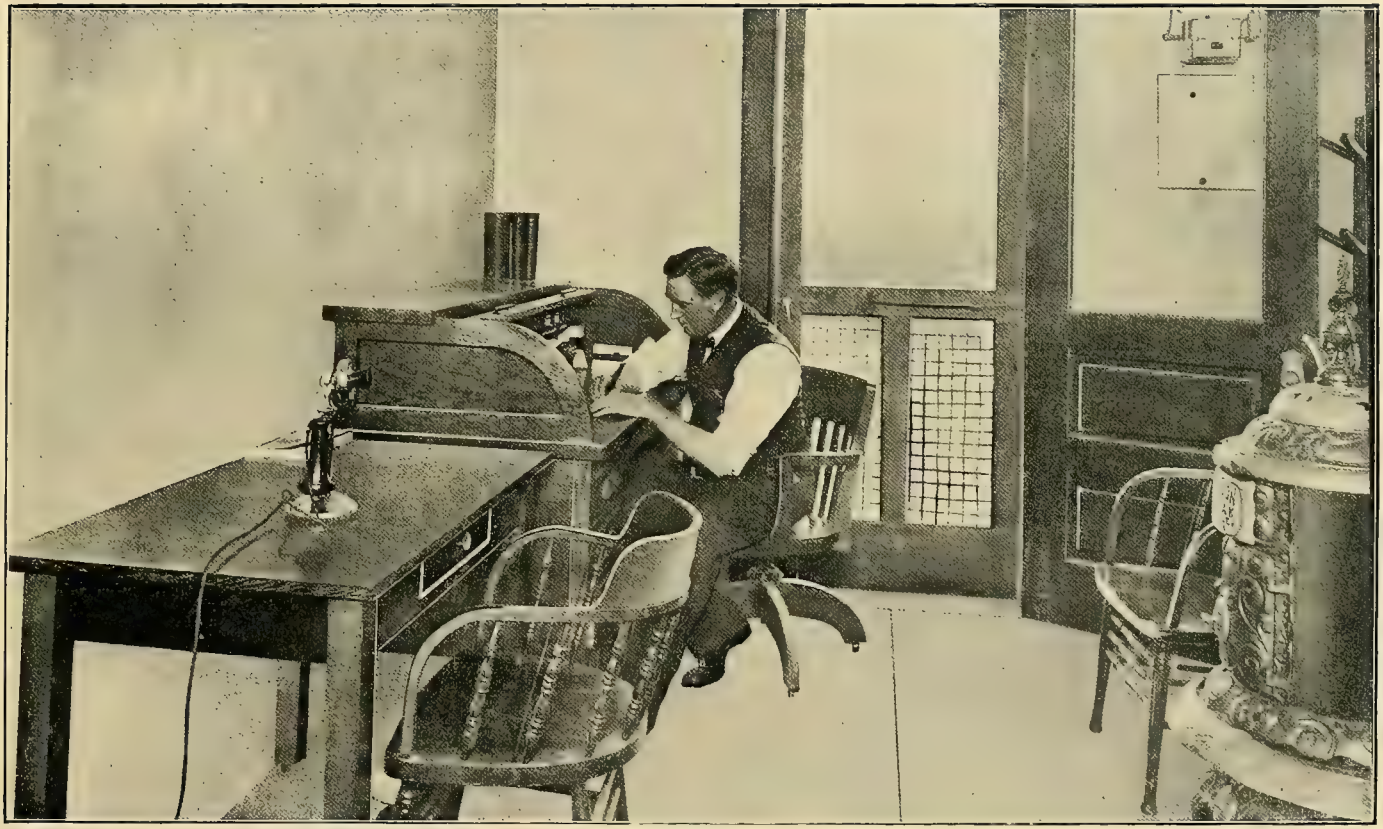
CONCRETE HOG WALLOW.



HOG ENTRANCE TO OPERATING ROOMS.

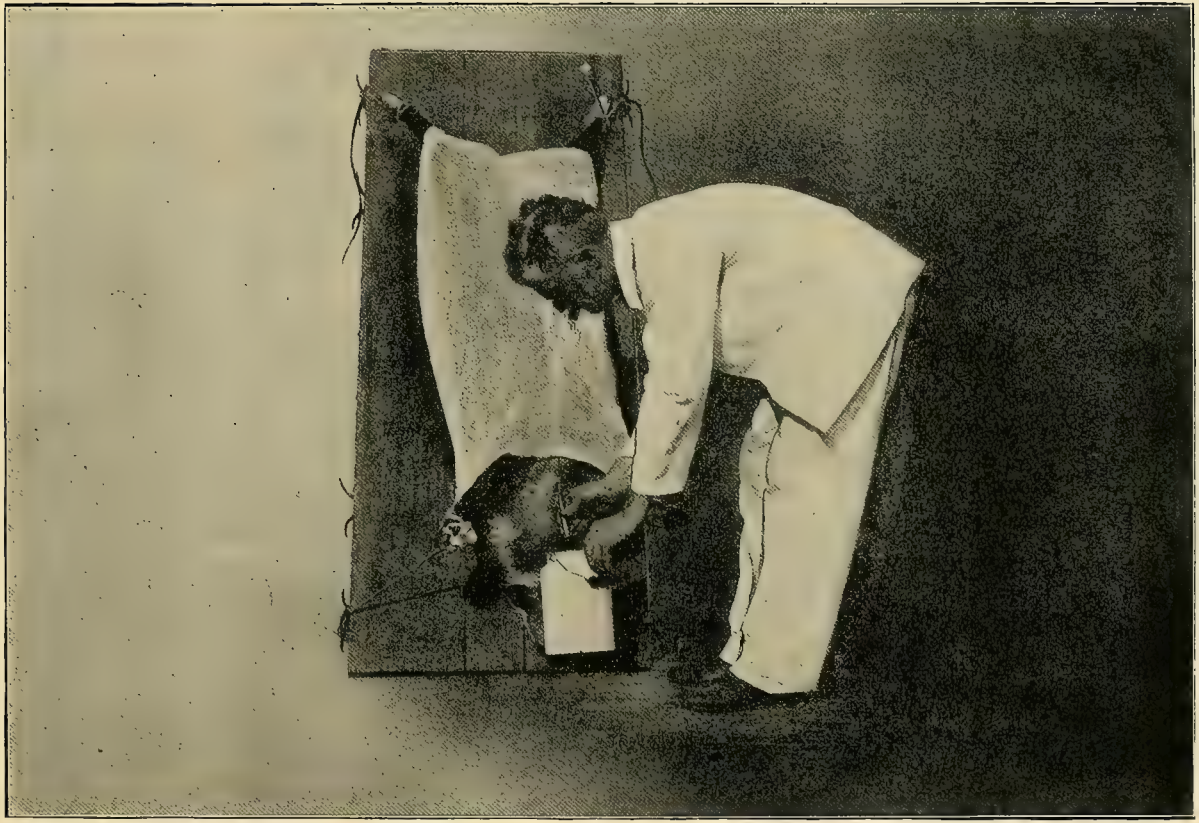


INTERIOR VIEW OF PLANT.

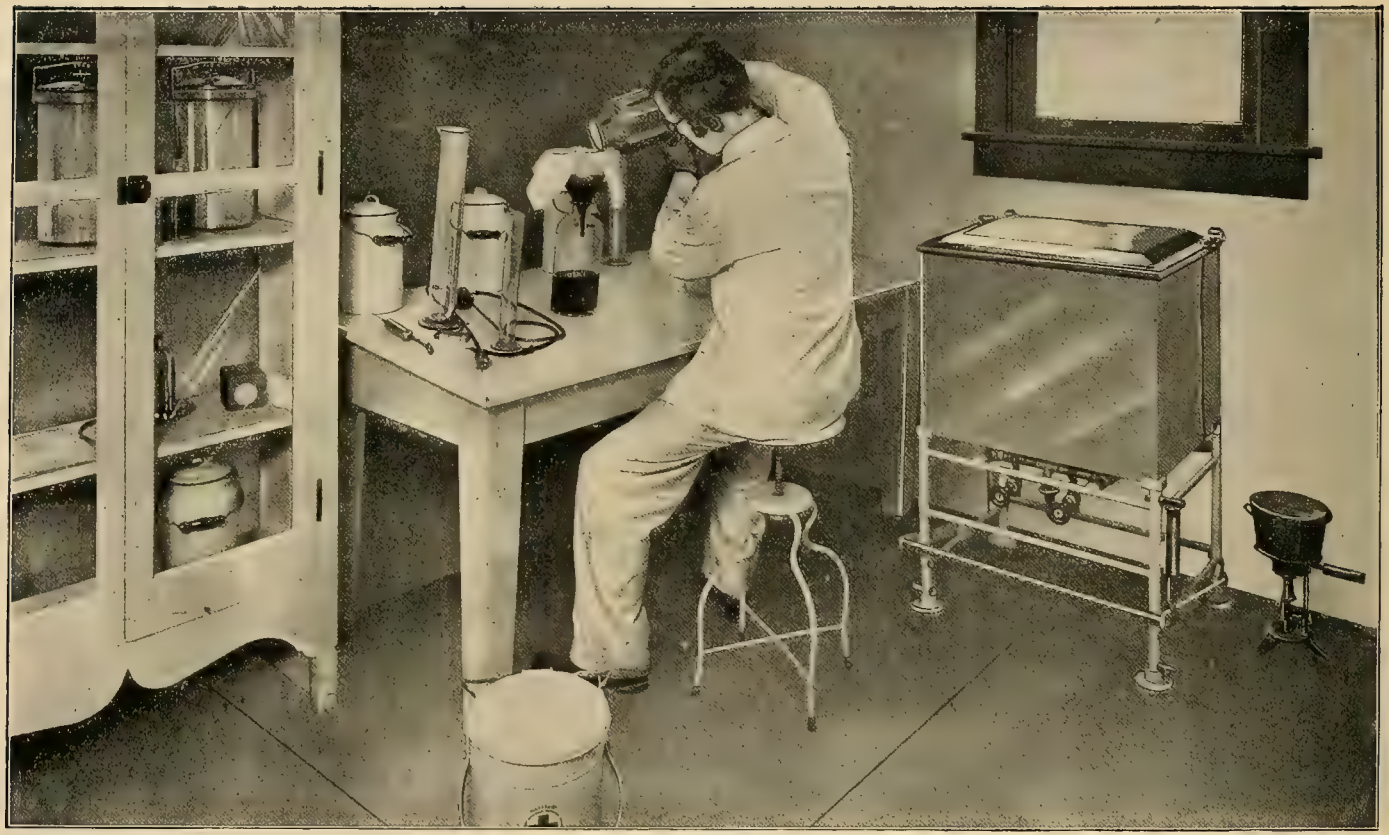


OFFICE.

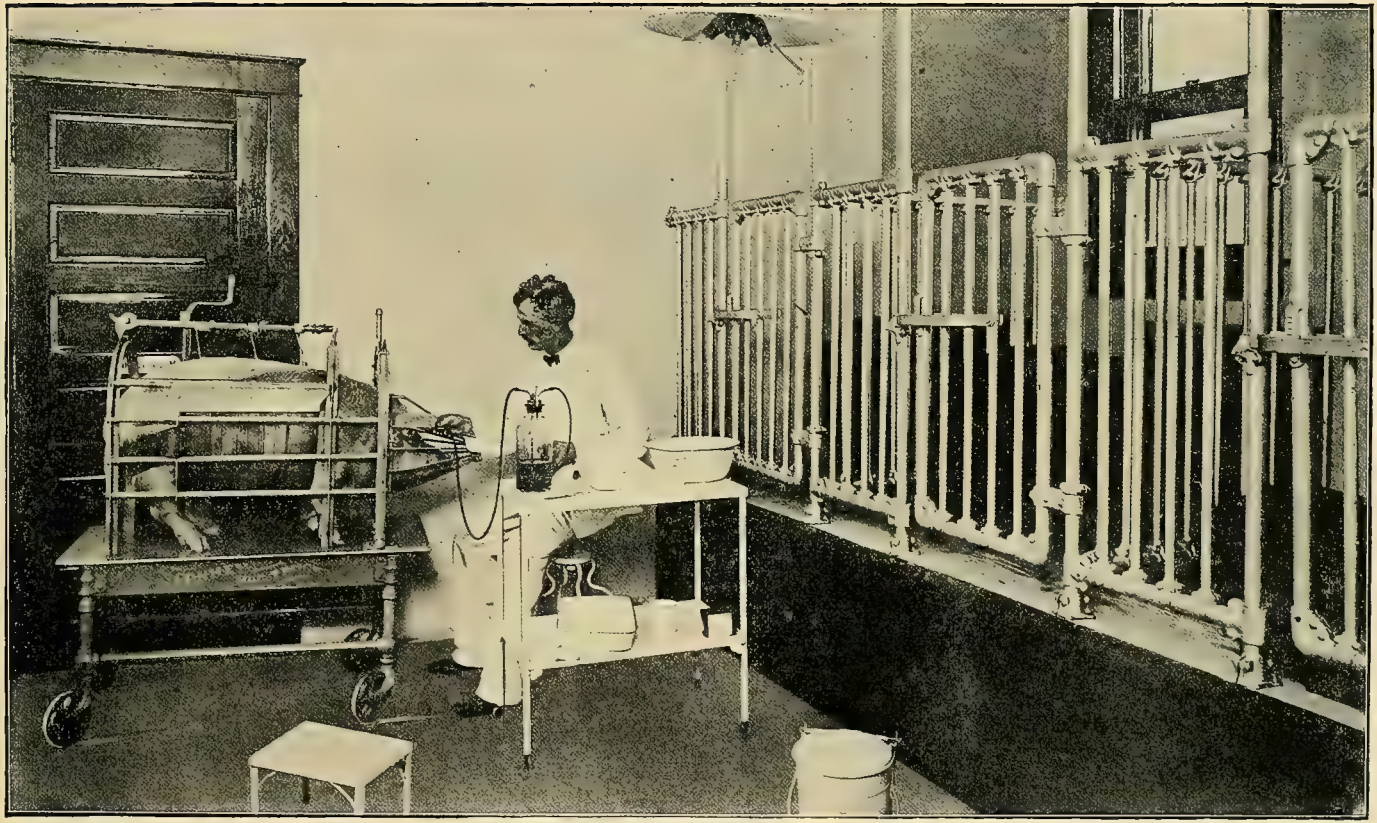
BEDROOM.



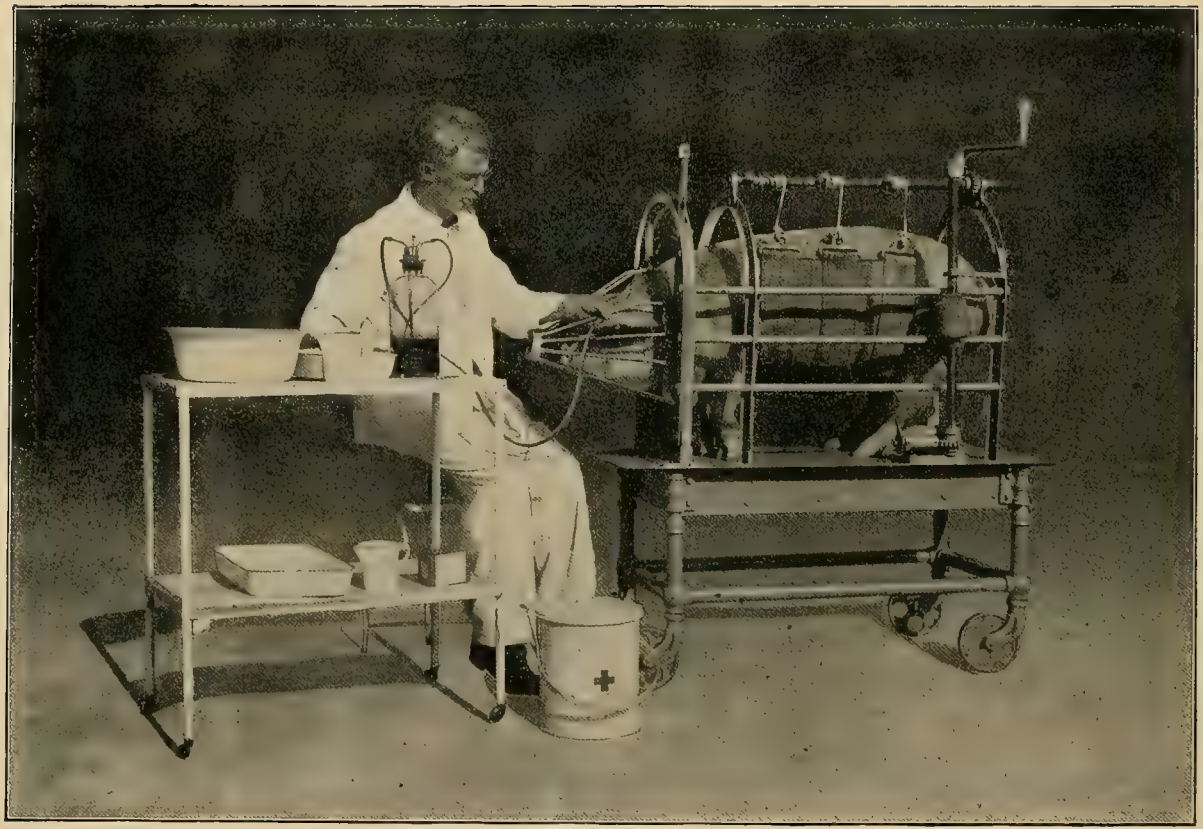
BLEEDING FOR VIRUS.



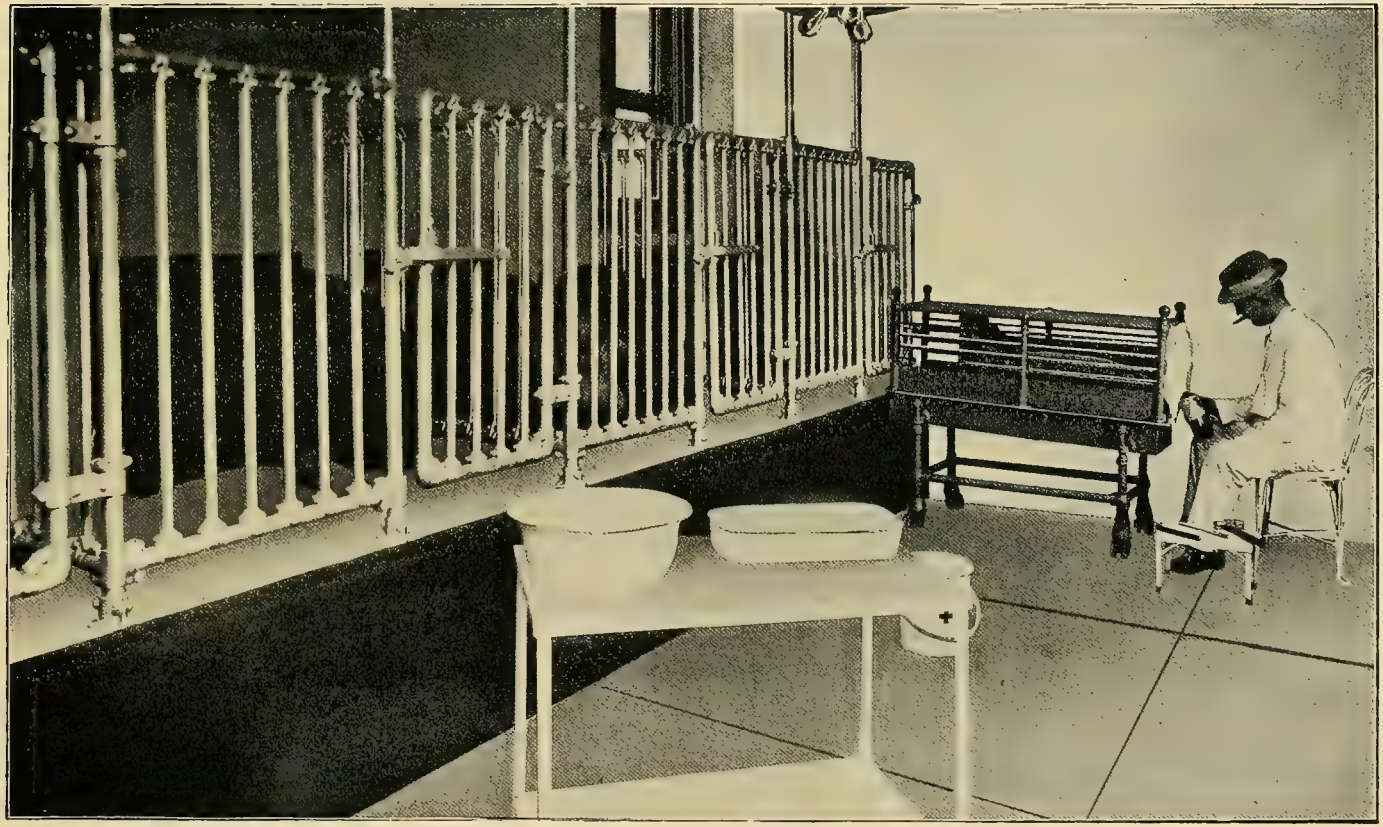
VIRUS LABORATORY.



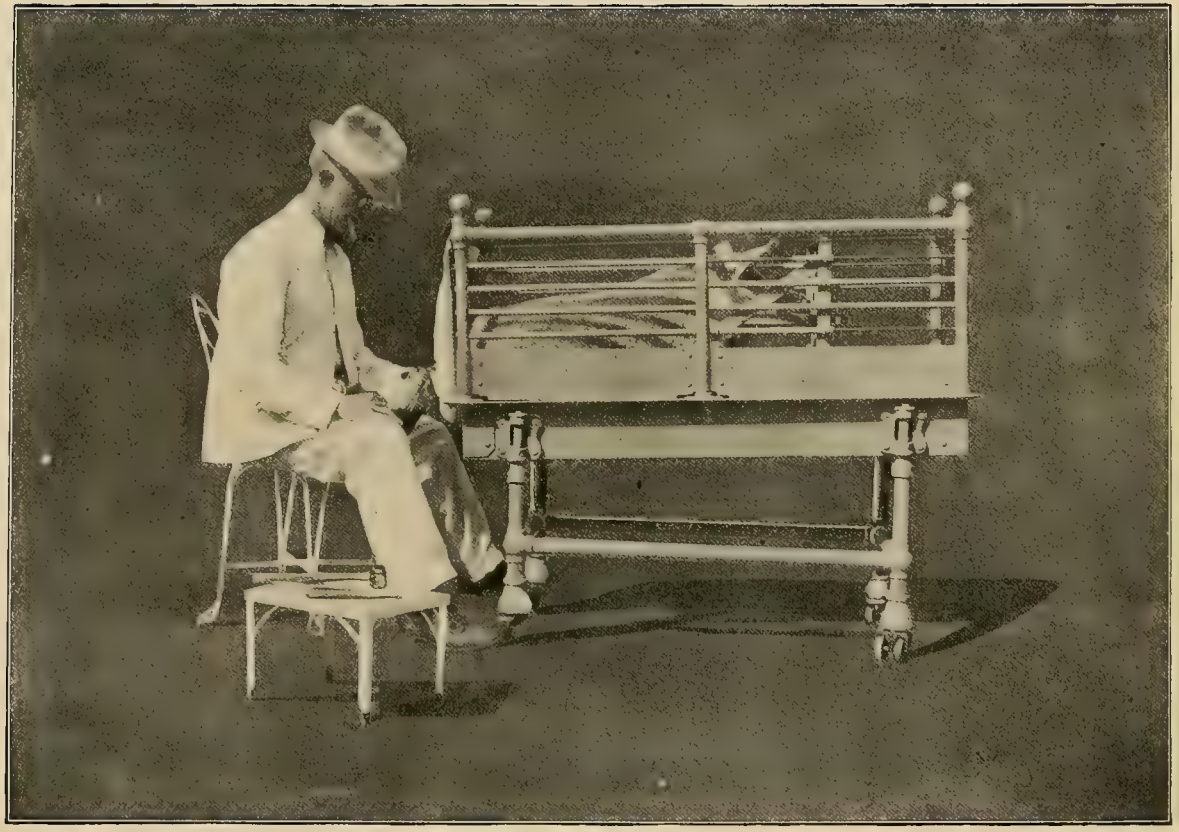
OPERATING ROOM NO. 1 (Hypering).



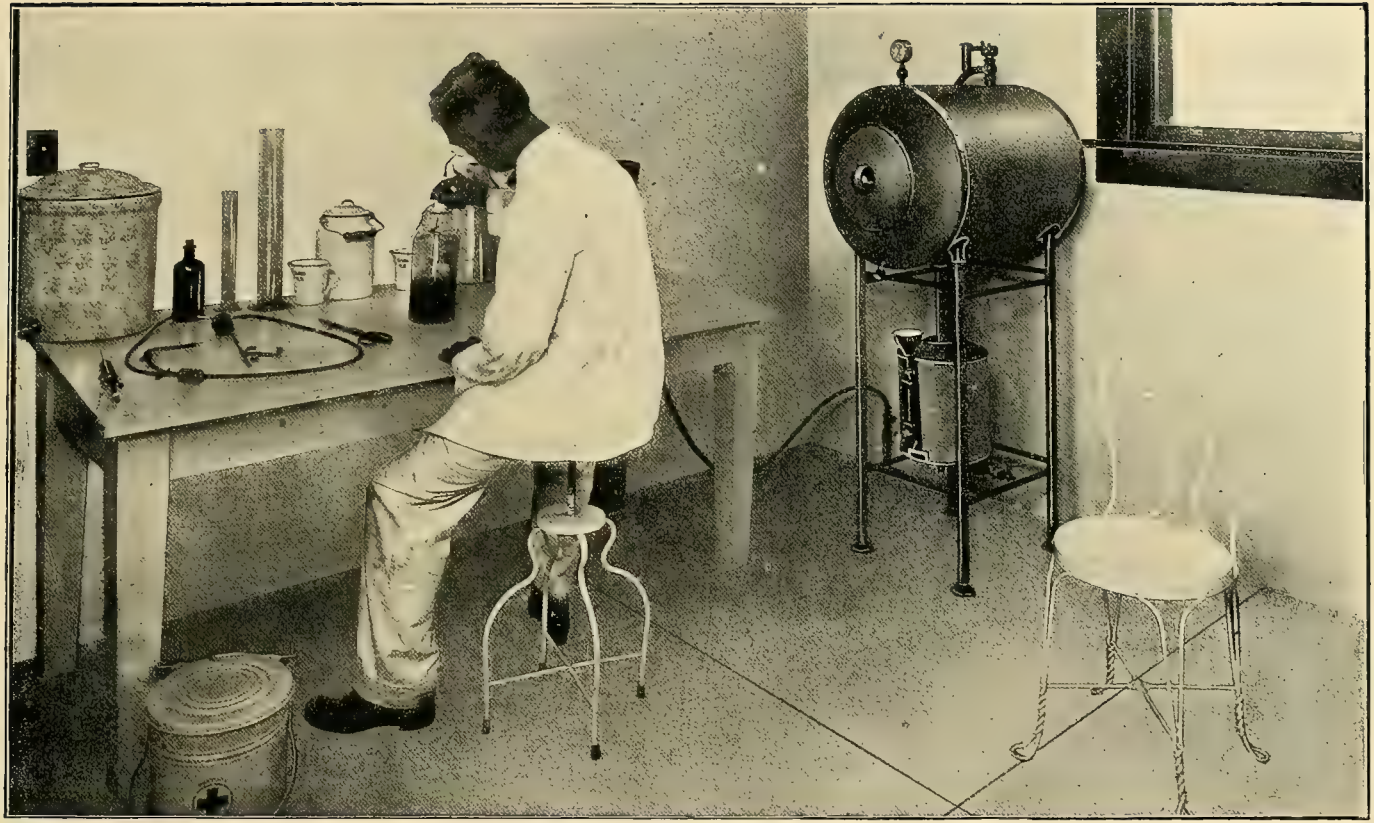
INTRAVENOUS HYPERING (Ear Vein).



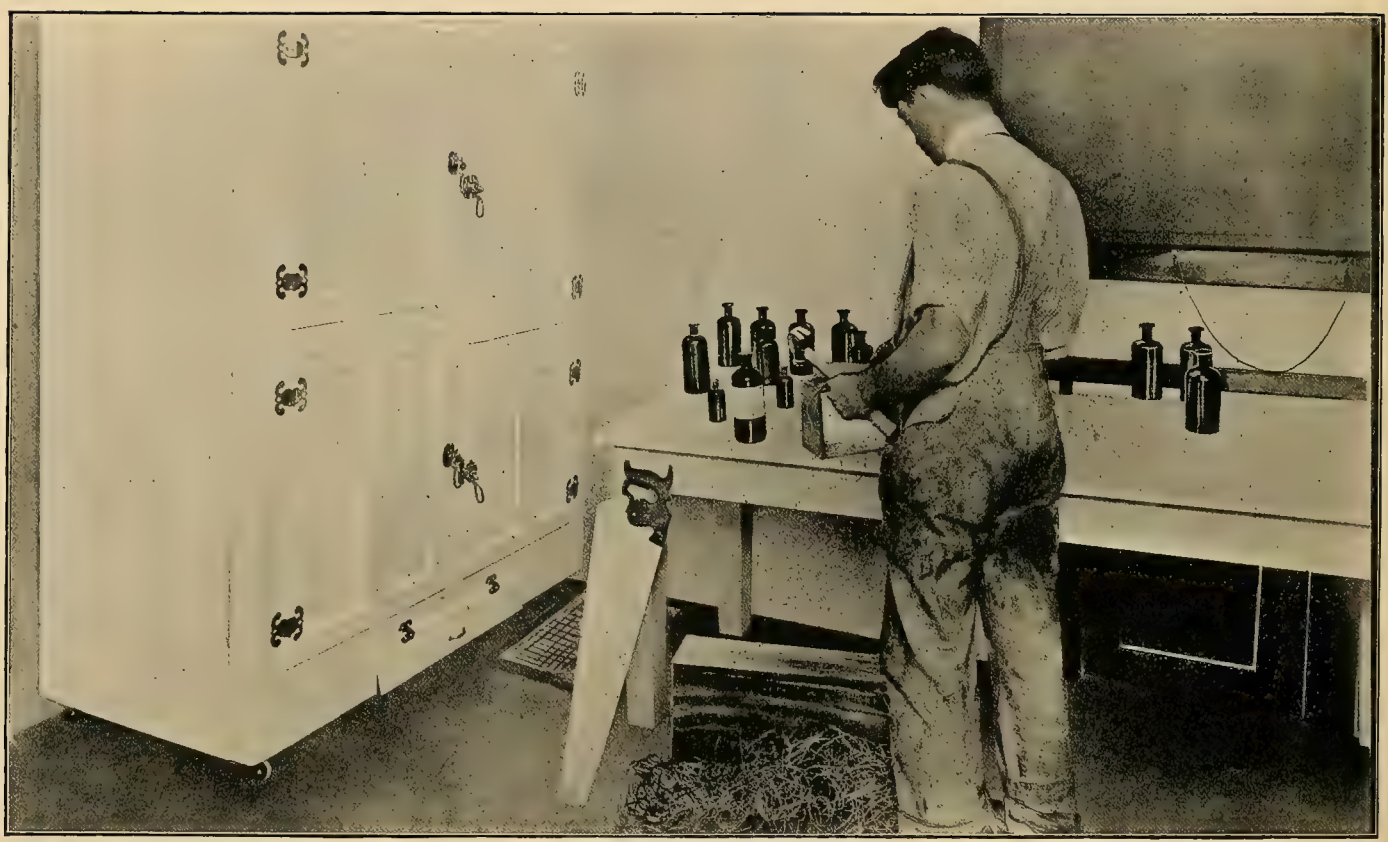
OPERATING ROOM NO. 2 (Tail Bleeding).



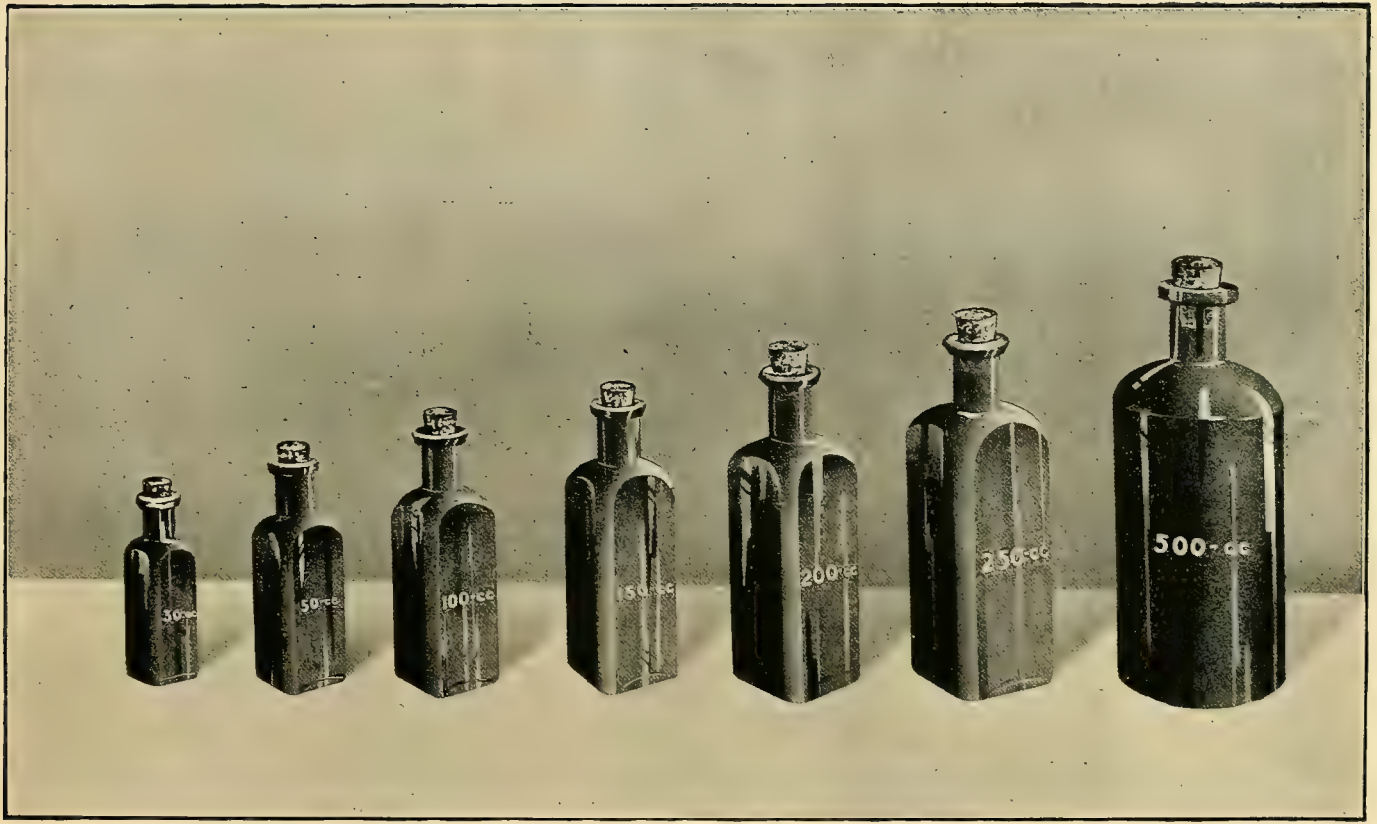
TAIL BLEEDING.



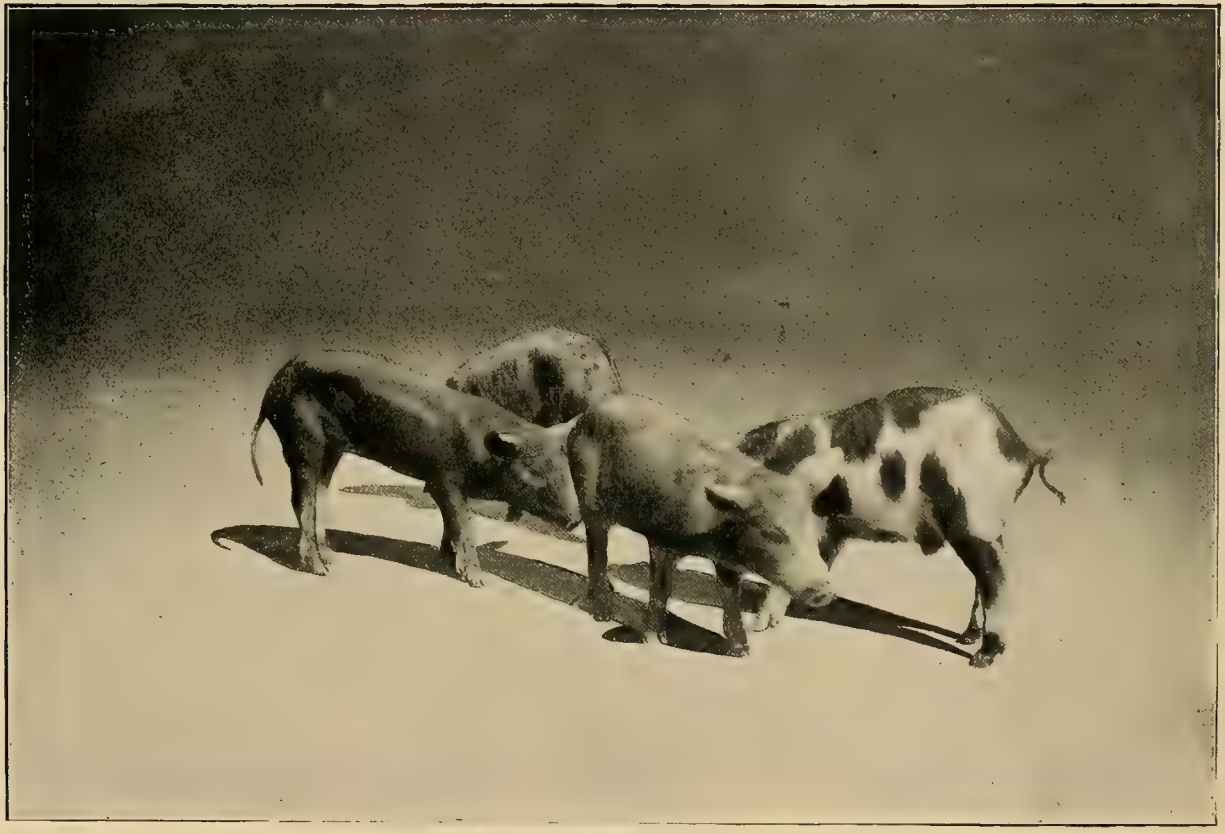
SERUM LABORATORY.



STORAGE AND SHIPPING ROOM.

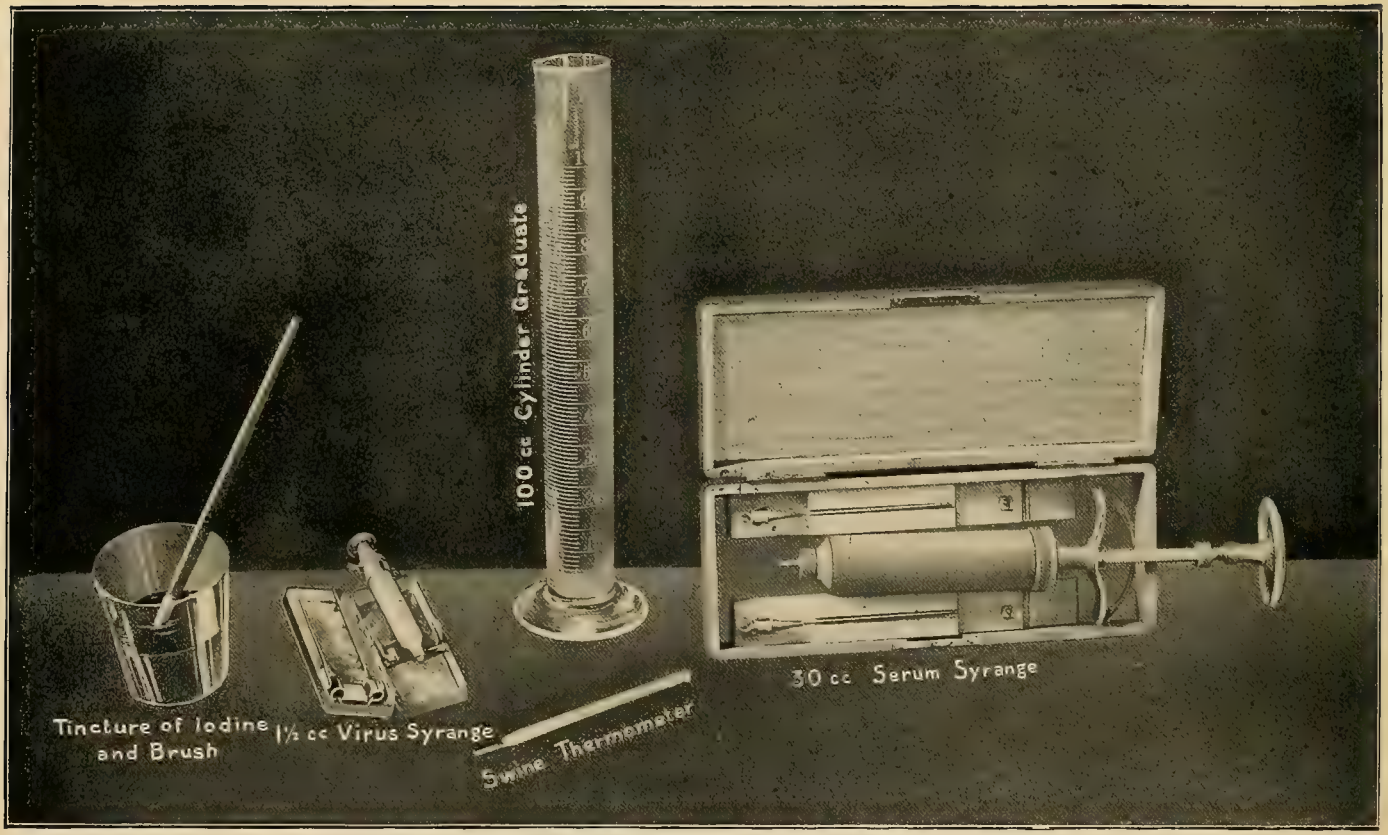


SIZES OF BOTTLES IN WHICH SERUM WILL BE DISTRIBUTED.

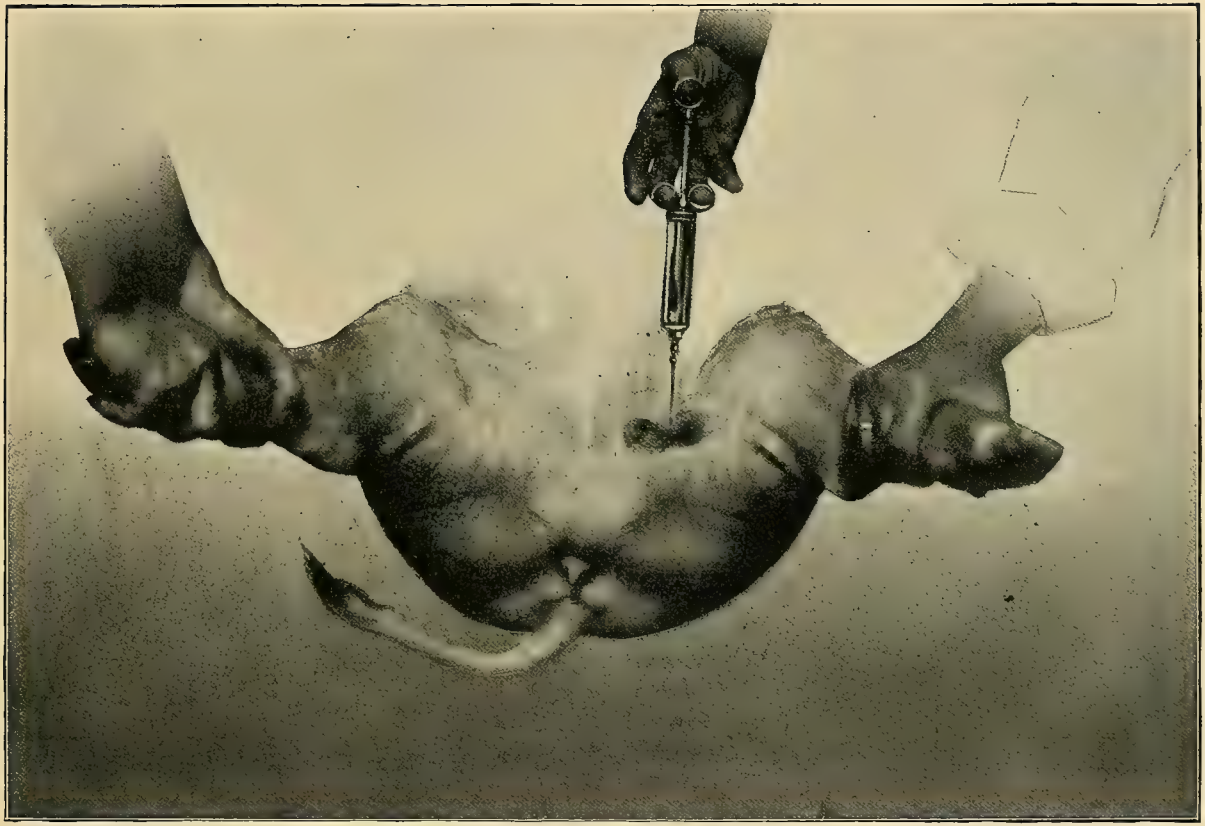


GROUP OF CHOLERA PIGS.

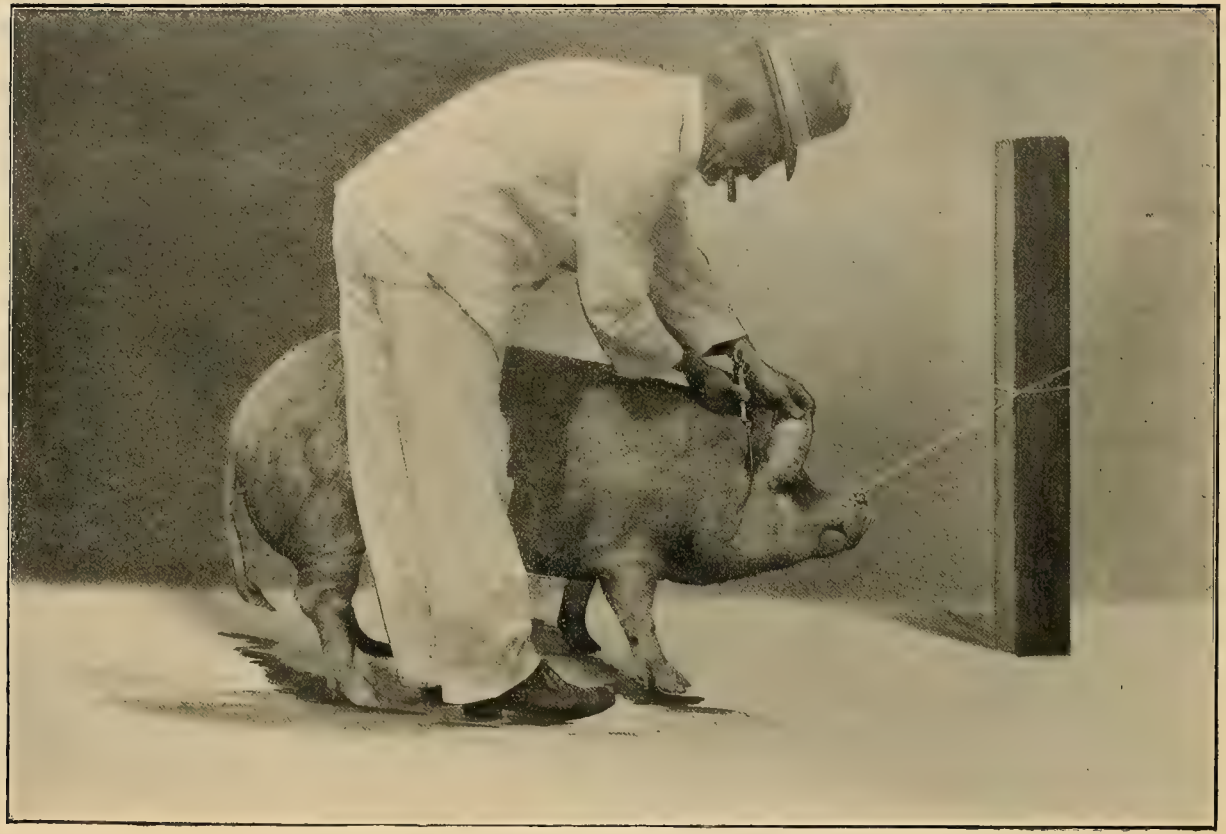
The White Hogs Were Protected from Cholera by Simultaneous Method.
The Vaccinated Black Hog Died from Cholera.



INSTRUMENTS AND UTENSILS USED IN VACCINATING HOGS.



INJECTING SERUM INTO MUSCLE OF HAM (Large Hog).



INJECTING SERUM BEHIND EAR (Large Hogs).

INJECTING SERUM INTO MUSCLE OF HAM (Pig).

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